

Ribbon Cable Break-out Board

Assembly Left: Part # P01533

Assembly Right: Part # P01534

Each board includes:

- Documentation package
- Shield assembly
- Cable hold-down clamp
- IDC ribbon cable connectors



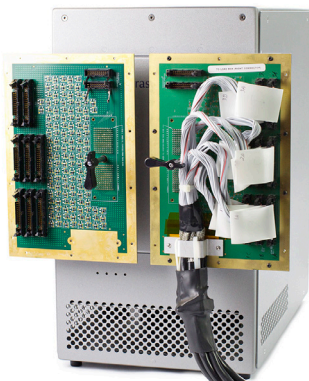
All element signal channels include a breadboard area for surface-mount or through-hole tuning elements, series and parallel positions. Board is normally delivered with zero-ohm series elements in place.

Specifications:

- Compatible with all V-1 and Vantage systems
- Maximum capacity: 128 element transducers per board

Left or right Break-out board, shown above and below with and without the enclosure.

Provides an array of 2 X 17 headers with 0.1" pitch, to connect with IDC mass-termination ribbon cable connectors from the cable assemblies. Each header provides 16 transducer



element signals, interleaved with grounds in the ribbon cable. Eight headers are required to allow connection to all 128 element signals at the connector. Also includes breakout for personality EEPROM, and for HVMUX programming signals and supplies.

Micro-coax Connector with 260-pin Transducer Backshell Kit w/PCBs

Zero-Ohm series tuning:

Part # P01370

No tuning (open circuit):

Part # 01371

Each board includes:

- 4 micro-coax termination boards (plus 2 spares)
- Backshell hardware
- 1 ZIF Connector PCB
- DL-260 connector plug and locking handle
- Cable nut and ferrule (not shown in photos)
- 2 tuning PCBs (series only)
- Documentation (schematics, warnings, instructions)



Specifications:

- Compatible with all V-1 and Vantage systems
- Maximum capacity: 128 element transducers

Backshell Kit components are shipped partially assembled.

To assemble the kit, the user must first solder the micro-coax (or other signal wires) to the termination boards (below), which handle 32 signal channels each.

The termination boards are plugged into the tuning boards, and then the entire kit is assembled. Assembly documentation is included.

The "no tuning" option (P01371) requires customer to separately purchase and install tuning components (surface mount).

